

L1	34907777	(integrated panel loudspeaker system adapted to be mounted in a vehicle) TL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/06 16:08
L2	6	headliner and (electromagnetic adj transducer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 16:09
L3	0	(1e9pa) and (5e9pa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 16:11
L4	0	(1e9pa)	USPAT; EPO	OR	OFF	2006/01/06 16:12
L5	0	(1e9pa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 16:12
L6	11959	(Young\$ adj modulus) and (thermal )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 16:13
L7	76	(Young\$ adj modulus) and (thermal ) AND SPEAKER AND @AY<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 16:13
L8	25	(Young\$ adj modulus) and (thermal with urethane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 16:17

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(1E9 pa) and (5e 9Pa)	USPAT; EPO	OR	OFF	2003/04/17 14:31
		(1E9pa and 5e9Pa) and ((381/361 or "365" or "386" or "99").ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:23
		((young's) adj modulus) and ("381"/\$).ccls")	USPAT; EPO	OR	OFF	2003/04/22 10:32
		(young's adj modulus) and ("381"/\$).ccls")	USPAT; EPO	OR	OFF	2003/04/22 10:32
		marquiss.inv.	USPAT; EPO	OR	OFF	2003/04/17 14:05
		(381/302).ccls.)	USPAT; EPO	OR	OFF	2002/11/05 15:00
		(integrated panel loudspeaker system adapted to be mounted in a vehicle). TL.	USPAT; EPO	OR	OFF	2002/09/07 14:41
		(integrated panel loudspeaker system adapted to be mounted in a vehicle). tl.	USPAT; EPO	OR	OFF	2002/09/07 13:42
		(integrated adj panel adj loudspeaker adj system adj adapted adj to adj be adj mounted adj in adj a adj vehicle). tl.	USPAT; EPO	OR	OFF	2002/09/07 13:41

S17 1	422	(1e9 pa) and (5e9 pa) and (("381"/\$). ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/06 15:16
S17 2	0	(1e9pa) and (5e9pa) and (("381"/\$). ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/06 15:16
S17 3	0	(1E9pa and 5e9Pa) and 381/86	USPAT; EPO	OR	OFF	2006/01/06 15:21
S17 4	0	(1E9pa and 5e9Pa) and 381/86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:21
S17 5	0	(1E9pa and 5e9Pa) and 381/361	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:22
S17 6	0	(1E9pa and 5e9Pa) and ((381/361 or 381/365 or 381/386 or 381/99).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:26
S17 7	0	(1E9pa and 5e9Pa) and ((381/99 or 381/302 or 381/389 or 381/184).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:24
S17 8	0	(1E9pa and 5e9Pa) and ((381/96 or 381/59 or 381/152 or 381/361).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:25
S17 9	0	(1E9pa) and ((381/96 or 381/59 or 381/152 or 381/361).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:25

S18 0	0	(5e9Pa) and ((381/96 or 381/59 or 381/152 or 381/361).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:25
S18 1	0	(1E9pa and 5e9Pa) and ((181/161 or 181/144 or 181/296 or 181/280).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:27
S18 2	0	(1E9pa) and ((181/161 or 181/144 or 181/296 or 181/280).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:27
S18 3	0	(5e9Pa) and ((181/161 or 181/144 or 181/296 or 181/280).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:27
S18 4	6	((381/94.1 or 381/94.2 or 381/94.3 or 381/94.4 or 381/94.5).ccls.) and sound adj effect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:30
S18 5	0	((181/161).ccls.) and sound adj effect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:31
S18 6	37	((181/161).ccls.) and sound and speaker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:32
S18 7	8	((181/161).ccls.) and sound and speaker and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:32

S34	0	speaker and (381/296.ccls.)	USPAT; EPO	OR	OFF	2002/09/11 12:07
S35	0	(381/296.ccls.)	USPAT; EPO	OR	OFF	2002/09/11 12:07
S36	0	381/296.ccls.	USPAT; EPO	OR	OFF	2002/09/11 12:11
S37	0	381/280.ccls.	USPAT; EPO	OR	OFF	2002/09/11 12:12
S38	10	speaker and 181/296.ccls.	USPAT; EPO	OR	OFF	2002/09/11 12:17
S39	84	181/280.ccls.	USPAT; EPO	OR	OFF	2002/09/11 12:17
S40	134	181/296.ccls.	USPAT; EPO	OR	OFF	2002/09/11 12:19
S41	0	headliner and (electro adj magnetic adj transducer)	EPO; JPO; DERWENT	OR	OFF	2002/09/11 12:26
S42	1	headliner and (electromagnetic adj transducer)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/09/11 12:32
S43	1	("5193118").PN.	USPAT; USOCR; EPO	OR	OFF	2002/09/11 12:34
S44	5	"5193118".uref.	USPAT; EPO	OR	OFF	2002/09/11 12:35
S45	2	gide adj member	USPAT; EPO	OR	OFF	2002/11/04 11:54
S46	0	1e9pa and 5e9pa	USPAT; EPO	OR	OFF	2003/04/17 14:36
S47	0	(1e9pa) and (5e9pa)	USPAT; EPO	OR	OFF	2006/01/06 16:12
S48	0	(1e9pa) and (5e9 pa)	USPAT; EPO	OR	OFF	2002/11/04 11:58
S49	0	(1e9pa)	USPAT; EPO	OR	OFF	2002/11/04 11:57
S50	207917	(5e9 pa)	USPAT; EPO	OR	OFF	2002/11/04 11:57
S51	0	(5e9pa)	USPAT; EPO	OR	OFF	2002/11/04 11:57
S52	207874	(1e9 pa) and (5e9 pa)	USPAT; EPO	OR	OFF	2003/04/17 14:23
S53	369	(1e9 pa) and (5e9 pa) and (("381"/\$). ccls.)	USPAT; EPO	OR	OFF	2006/01/06 15:01
S54	2	(1e9)and (5e9)	USPAT; EPO	OR	OFF	2002/11/04 12:04

S13	1292	headliner	USPAT; EPO	OR	OFF	2002/11/05 14:27
S14	2	headliner and (electromagnetic adj transducer)	USPAT; EPO	OR	OFF	2004/07/08 09:14
S15	0	381/86.ccls	USPAT; EPO	OR	OFF	2002/09/06 13:33
S16	408	(381/86).CCLS.	USPAT; USOCR; EPO	OR	OFF	2002/09/06 13:34
S17	1	headliner and (electro adj magnetic adj transducer)	USPAT; EPO	OR	OFF	2002/09/11 12:25
S18	21	warnaka.inv.	USPAT; EPO	OR	OFF	2003/04/17 14:06
S19	15	emerling.inv.	USPAT; EPO	OR	OFF	2002/09/07 10:21
S20	205777	1E9 pa and 5e9 Pa	USPAT; EPO	OR	OFF	2003/04/23 15:06
S21	780	(1E9 pa and 5e9 Pa) and "381"/\$	USPAT; EPO	OR	OFF	2003/04/27 09:15
S22	32	(1E9 pa and 5e9 Pa) and 381/86	USPAT; EPO	OR	OFF	2006/01/06 15:21
S23	0	(1E9pa and 5e9Pa) and 381/86	USPAT; EPO	OR	OFF	2004/06/03 14:55
S24	0	(1E9pa and 5e9Pa)	USPAT; EPO	OR	OFF	2002/09/07 10:48
S25	1741	(1E9 pa and 5e 9Pa)	USPAT; EPO	OR	OFF	2003/04/17 14:30
S26	0	((1e9 adj Pa) and (5e9 adj Pa))	USPAT; EPO	OR	OFF	2002/09/07 10:50
S27	6	"5901231"	USPAT; EPO	OR	OFF	2002/09/07 13:37
S28	3	((("4385210") or ("4792978") or ("4856071")).PN.	USPAT; USOCR; EPO	OR	OFF	2002/09/07 13:38
S29	7739995	(integrated panel loudspeaker system adapted to be mounted in a vehicle) TL	USPAT; EPO	OR	OFF	2006/01/06 16:08
S30	0	thermal adj foamable adj rigid adj urethane	USPAT; EPO	OR	OFF	2003/04/22 10:19
S31	80731	elasticity	USPAT; EPO	OR	OFF	2002/09/07 14:43
S32	0	(elasticity) and 386/86	USPAT; EPO	OR	OFF	2002/09/07 14:44
S33	21	(elasticity) and "386"/\$.ccls.	USPAT; EPO	OR	OFF	2002/09/07 14:44

S1	84	((("6254127") or ("6330501") or ("4999599") or ("5548650") or ("5699438") or ("5754664") or ("6278377") or ("5226364") or ("5309634") or ("5484186") or ("5890085") or ("6026340") or ("6270116") or ("6283503") or ("5210652") or ("5902002") or ("4989911") or ("5271654") or ("5328227") or ("5546288") or ("5606623") or ("6073987") or ("6174019") or ("6243003") or ("4538140") or ("5355142") or ("6168198") or ("6356641") or ("4267405") or ("6324907") or ("5594193") or ("5920039") or ("4352518") or ("4390202") or ("4500131") or ("4600621") or ("4630338") or ("4783116") or ("4824160") or ("4828313") or ("4836599") or ("4902068") or ("4930742") or ("5004289") or ("5329429") or ("5357408") or ("5385610") or ("5441339") or ("5442880") or ("5486118"))).PN.	USPAT; USOCR; EPO	OR	OFF	2002/08/14 15:39
S2	10	((("5754664") or ("5901231") or ("4385210") or ("4792978") or ("4856071"))).PN.	USPAT; USOCR; EPO	OR	OFF	2002/08/14 16:56
S3	4	"5901231".uref.	USPAT; EPO	OR	OFF	2002/08/15 11:34
S4	4	"5754664".uref.	USPAT; EPO	OR	OFF	2002/08/15 11:34
S5	5	"5748748"	USPAT; EPO	OR	OFF	2002/09/03 15:08
S6	4	"5748748".uref.	USPAT; EPO	OR	OFF	2002/09/03 15:09
S7	4	recording adj sound adj effect\$4	USPAT; EPO	OR	OFF	2002/09/03 15:42
S8	3054	sound adj effect\$4	USPAT; EPO	OR	OFF	2002/09/03 15:52
S9	3	((381/94.1 or 381/94.2 or 381/94.3 or 381/94.4 or 381/94.5).cccls.) and sound adj effect\$4	USPAT; EPO	OR	OFF	2006/01/06 15:29
S10	34	((381/94.7 or 381/94.8 or 381/94.9 or 381/98 or 381/86).cccls.) and sound adj effect\$4	USPAT; EPO	OR	OFF	2002/11/13 10:33
S11	4	((381/56 or 381/58 or 381/61 or 381/71.4 or 381/73.1).cccls.) and sound adj effect\$4	USPAT; EPO	OR	OFF	2002/09/03 16:20
S12	0	(381/86.cccls) and headliner	USPAT; EPO	OR	OFF	2002/09/06 13:33

S13 4	0	(Youngs adj modulus) and 1e5	USPAT; EPO	OR	OFF	2003/04/27 09:22
S13 5	0	(Youngs adj modulus) and 2e5	USPAT; EPO	OR	OFF	2003/04/27 09:22
S13 6	0	(Youngs adj modulus) and 3e5	USPAT; EPO	OR	OFF	2003/04/27 09:22
S13 7	0	(Youngs adj modulus) and 1e6	USPAT; EPO	OR	OFF	2003/04/27 09:22
S13 8	0	(Youngs adj modulus) and 1e7	USPAT; EPO	OR	OFF	2003/04/27 09:26
S13 9	0	(Young\$ adj modulus) and 1e7	USPAT; EPO	OR	OFF	2003/04/27 09:26
S14 0	10561	(Young\$ adj modulus)	USPAT; EPO	OR	OFF	2003/04/27 09:26
S14 1	6	(Young\$ adj modulus) and headliner	USPAT; EPO	OR	OFF	2003/04/27 10:01
S14 2	0	(Young\$ adj modulus) and (thermal adj foam\$4)	USPAT; EPO	OR	OFF	2003/04/27 10:01
S14 3	5226	(Young\$ adj modulus) and (thermal )	USPAT; EPO	OR	OFF	2006/01/06 16:12
S14 4	559	(Young\$ adj modulus) and (thermal and urethane)	USPAT; EPO	OR	OFF	2003/04/27 10:02
S14 5	9	(Young\$ adj modulus) and (thermal with urethane)	USPAT; EPO	OR	OFF	2006/01/06 16:16
S14 6	1	("5869189").PN.	USPAT; USOCR; EPO	OR	OFF	2003/04/27 10:13
S14 7	84408	elasticity	USPAT; EPO	OR	OFF	2003/04/27 10:27
S14 8	0	elasticity and 2e9	USPAT; EPO	OR	OFF	2003/04/27 10:27
S14 9	3	elasticity and 1e9	USPAT; EPO	OR	OFF	2006/01/06 14:20
S15 0	1	"6377695"	USPAT; EPO	OR	OFF	2003/05/06 14:28
S15 1	5	((("6377695") or ("5754664") or ("5887071") or ("4385210") or ("5450057"))).PN.	USPAT; USOCR; EPO	OR	OFF	2003/05/06 14:35
S15 2	2	((("6181797") or ("5901231"))).PN.	USPAT; USOCR; EPO	OR	OFF	2003/05/06 14:35
S15 3	1	("6332029").PN.	USPAT; USOCR; EPO	OR	OFF	2003/05/07 11:56
S15 4	3	((("6492909") or ("5414417") or ("5838393"))).PN.	USPAT; USOCR; EPO	OR	OFF	2003/05/08 10:59



S15 5	91	azima.inv.	USPAT; EPO	OR	OFF	2003/06/09 16:04
S15 6	0	("wo9709844").PN.	USPAT; USOCR; EPO	OR	OFF	2003/06/10 09:11
S15 7	0	wo9709844	USPAT; EPO	OR	OFF	2003/06/10 09:11
S15 8	0	"9709844"	USPAT; EPO	OR	OFF	2003/06/10 09:12
S15 9	0	w09709844	USPAT; EPO	OR	OFF	2003/06/10 09:12
S16 0	0	wo009709844	USPAT; EPO	OR	OFF	2003/06/10 09:12
S16 1	0	"009709844"	USPAT; EPO	OR	OFF	2003/06/10 09:12
S16 2	1	("6356641").PN.	USPAT; USOCR; EPO	OR	OFF	2003/06/12 10:27
S16 3	0	(1E9pa and 5e9Pa)	USPAT; EPO	OR	OFF	2004/06/03 14:55
S16 4	3	headliner and ((electromagnetic or electro-manetic) adj transducer)	USPAT; EPO	OR	OFF	2004/07/08 09:16
S16 5	1	headliner and ((electromagnetic or electro-manetic) adj transducer)	JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/08 09:20
S16 6	3	headliner and ((electromagnetic or electro-manetic) adj transducer)	USPAT; EPO	OR	OFF	2004/07/08 09:20
S16 7	6	((381/94.1 or 381/94.2 or 381/94.3 or 381/94.4 or 381/94.5).ccls.) and sound adj effect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/01/06 14:17
S16 8	0	(1e9pa) and (5e9pa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 14:20
S16 9	9	elasticity and 1e9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 14:20
S17 0	1771	(1e9 pa) and (5e9 pa) and (("381"/\$). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/06 15:12

S18 8	169	((181/144).ccls.) and sound and speaker and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/06 15:33
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